

## PPS62 External RTD Memory Gauge

The PPS62 External RTD Memory Gauge combines piezo resistive technology with an RTD sensor to allow users to obtain fast temperature responses. This product is primarily designed for detecting tubing and casing leakage problem. It could also be used for other operations such as gradients and build up tests. The user-friendly PPS SmartView software is used for programming gauges and conducting data processing. All files are in ASCII data format.

### APPLICATIONS:

- Stimulation Monitoring
- Pressure Build-up Tests
- Production Tests
- Pressure Gradients
- Tubing and Casing Leakage Checking
- Interference Tests
- Injection Pressure Monitoring
- Coil Tubing Operation

### Specifications

Sensor Type	<b>Piezo Resistive/RTD</b>
Service	H <sub>2</sub> S Services

#### Metrology-Pressure

Drift-psi/yr	<3
Accuracy-psi full scale	± 0.03%
Resolution-psi	0.0003%
Range-psi	Up to 20 kpsi

#### Metrology-Temperature

Rating-°C	150 (302°F), 177 (351°F)
Accuracy-°C	± 0.3
Resolution-°C	0.01

#### Characteristics

Power Source	Dual AA or C lithium battery pack
Communication	USB/RS232
Data Set	Time/Pressure/Temperature
Max OD-inches	0.75 (19.1mm), 1.25 (31.8mm)
Overall Length-inches	16 (406mm)
Housing Material	Inconel 718/Stainless Steel 17-4
Sampling Rate	1 sec to 18 hours per sample
Memory Capacity	1,000,000 data sets Larger memory is available

